

JNTUA CEA NEWS P7

International Yoga Day Celebrations @ JNTUA CEA



Celebrating Excellence

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Student Roadmap for Vision 2047: A Developed India

Empowering the next generation for 2047

- Dr E Keshava Reddy

Introduction

As India approaches its 100th year of independence in 2047, Vision 2047 sets forth an ambitious plan to transform our nation into a developed country. This vision emphasizes economic growth, technological advancements, and social equity. As students, you play a pivotal role in realizing this vision. Crafting a roadmap will help you understand how to contribute effectively to India's development.

To help you navigate your journey, you can focus your efforts on these outlined key areas and make a significant impact.

I. Effective Use of Social Media

Current Trends

Social media is an integral part of our lives, influencing communication, learning, and social interactions. While it offers numerous benefits, such as instant information access and connectivity, it also poses challenges like distraction and exposure to inappropriate content.

Best Practices:

- ♦ **Positive Usage:** Use social media for educational purposes, networking, and skill development. Platforms like LinkedIn can be used for professional growth and job opportunities.
- ♦ **Content Curation:** Curate your social media feeds to include informative and inspiring content. Emphasize digital etiquette and the long-term impact of your online presence.
- ♦ **Strategic Leverage:** Learn strategies for leveraging social media to build a personal brand, showcase achievements, and connect with industry professionals.

Educational Integration:

- ♦ **Orientation Programs:** Attend sessions on responsible social media usage during college orientations. Learn about handling cyberbullying, maintaining digital privacy, and understanding the implications of digital footprints.

- ♦ **Dignity and Respect:** Use social media respectfully, valuing diverse opinions and fostering constructive discussions.



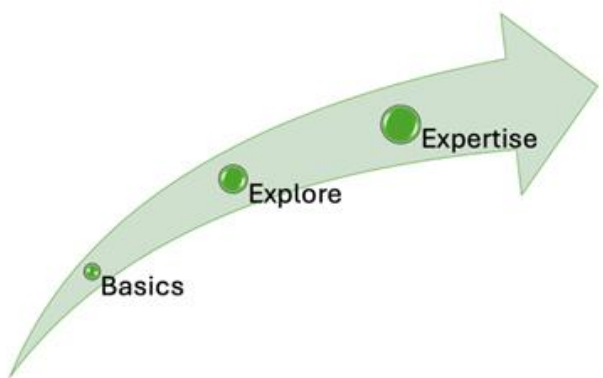
II. Foundational Knowledge and Advanced Learning

Building Strong Foundations:

- ♦ **Mastery of Basics:** Focus on a solid understanding of fundamental concepts before advancing to more complex topics. This foundational knowledge is crucial for effective problem-solving and innovation.
- ♦ **Avoiding Over-Reliance on AI:** Don't rely solely on AI tools for answers without understanding the principles. Critical thinking and problem-solving skills are essential.

Learning Pathways:

- ♦ **Structured Flow:** Follow a learning roadmap designed for students at different educational stages, from primary school to higher education. Each stage should build on the previous one, ensuring comprehensive understanding.
- ♦ **Progressive Learning:** Begin with basics, explore various subjects deeply, and aim to gain expertise. This approach fosters deep learning and retention.



III. Research and Development

Societal Research:

- ♦ **Community Engagement:** Engage in research aimed at uplifting lower socioeconomic groups. Research on social issues can lead to innovative solutions that contribute to national development.
- ♦ **National Impact:** Understand the significance of societal research in addressing challenges like poverty, education inequality, and healthcare accessibility.

Advanced Research Fields:

- ♦ **Scientific Exploration:** Participate in advanced research fields, such as space exploration, renew

able energy, and biotechnology. These areas are critical for positioning India as a global leader in science and technology.



♦ **Innovation Hubs:** Get involved in research initiatives and innovation hubs for hands-on experience and collaboration with experts.

IV. Entrepreneurship and Start-Ups

Start-Ups and MSMEs:

♦ **Economic Drivers:** Understand the role of start-ups and Micro, Small, and Medium Enterprises (MSMEs) in economic growth. Pursue entrepreneurial ventures to contribute to job creation and innovation.

♦ **Student Involvement:** Engage in entrepreneurial activities through start-up incubators and mentorship programs.

Support and Resources:

♦ **Resource Availability:** Access resources such as funding, mentorship, and training programs for aspiring entrepreneurs. Government initiatives and private sector partnerships are crucial.

♦ **Success Stories:** Draw inspiration from success stories of young entrepreneurs.



V. Interdisciplinary and Collaborative Learning

Collaborative Education:

♦ **Group Tasks:** Engage in group projects and collaborative tasks to enhance teamwork skills. Interdisciplinary projects encourage diverse perspectives and innovative solutions.

♦ **Learning Approaches:** Embrace multi-disciplinary learning approaches that integrate knowledge from various fields, preparing you for complex real-world challenges.

Global Collaboration:

♦ **International Opportunities:** Explore opportunities for international collaborations and exchange programs. Global exposure broadens your horizons and fosters cross-cultural understanding.

♦ **Partnerships:** Take advantage of partnerships with international educational institutions for joint research projects and collaborative learning experiences.



VI. Developing Leadership Skills and Communication

Leadership Development:

♦ **Roles and Responsibilities:** Take on leadership roles in student organizations, clubs, and community projects. This helps develop essential leadership skills.

♦ **Communication Skills:** Enhance your communication skills through public speaking, debates, and presentations. Effective communication is key to leadership.

Active Participation:

♦ **Community Service:** Participate in community service activities to develop empathy and social responsibility.

♦ **Networking:** Build a network of peers, mentors, and professionals to exchange ideas and gain insights.



♦ **Teamwork and Discipline:** Participate in team sports to develop teamwork, leadership, and discipline. Sports teach valuable lessons in perseverance, resilience, and goal setting.

♦ **Career Opportunities:** Explore career opportunities in sports management, coaching, sports medicine, and sports journalism. Sports can be a pathway to personal growth and professional success.



CONCLUSION

In conclusion, achieving Vision 2047 requires a collective effort, with students playing a vital role. By effectively using social media, building strong foundational knowledge, engaging in research, pursuing entrepreneurial ventures, embracing interdisciplinary learning, developing leadership skills, and participating in sports and physical activities, you can contribute significantly to India's development. As we look towards 2047, it is imperative to inspire and prepare the younger generation to take active roles in shaping a developed and prosperous India.

VII. Sports, Physical Fitness, and Well-being

Sports and Physical Health:

♦ **Physical Fitness:** Emphasize the importance of sports and physical activities in maintaining overall health and well-being. Regular exercise improves concentration, boosts energy levels, and promotes a healthy lifestyle.

About the Author



Prof. E. Keshava Reddy is a Professor of Mathematics at JNTUA College of Engineering Anantapur and presently serving as the Director of Evaluation at JNT University Anantapur. He has written books on Mathematics which will not only improve the knowledge of engineering students and help students to improve their research capabilities in Mathematics. His Modular Object-Oriented Dynamic learning Environment (Moodle) site is <http://keshava.moodlecloud.com> or <https://keshava.moodle.school>, through which he teaches Mathematics to B.Tech. and M.Tech. students online. He is guiding young minds to achieve their research goals in the field of Mathematics.

Call for Contributions to Tech Ananth Magazine

The JNTUA fraternity, including all students, faculty, and alumni, is invited to contribute to the monthly illustrated online e-magazine, Tech Ananth. We encourage you to share your insights, achievements, and stories to enrich our publication.

Submission Guidelines:

Content Types: Reports of significant events, details of awards, prestigious assignments, funded projects, success or inspirational stories from alumni, and articles on Science and Technology that stimulate technical and scientific thinking.

- **Student Activities:** Include images of students receiving awards or participating in events. Highlights of academic, sports, and extracurricular achievements.
- **Creative Sessions:** Poems, Small Stories, Art Galleries, Photographs, etc.
- **College Events :** Coverage of Workshops, Guest Lectures, Fests & Cultural Activities Clubs, etc.

Submission Details: Please include your full name, designation, college, department, mobile number, and email ID for correspondence.

Email for Submissions: Send your contributions to the editorial team at emagazine@jntua.ac.in.

We look forward to receiving your valuable contributions and showcasing the vibrant achievements and advancements within our community.

Editorial Team

emagazine@jntua.ac.in

JNTUA Professors Dr. B. Eswara Reddy and Dr. V.B. Chitra receives 53rd ISTE Awards for the year 2023



Prof. B. Eswara Reddy receiving 53rd ISTE National Annual Convention, held a Bhubaneswar from Dr. Pratapsinh Kakasaheb Desai President, Indian Society for Technical Education (ISTE), New Delhi, Dr. S.M. Ali, Executive Secretary, AISTE & Achyuta Samanta, Founder Kalinga Institute of Industrial Technology (KIIT) & Kalinga Institute of Social Sciences (KISS), is also seen.



Prof. V.B. Chitra receiving 53rd ISTE National Annual Convention, held a Bhubaneswar from Dr. Pratapsinh Kakasaheb Desai President, Indian Society for Technical Education (ISTE), New Delhi, Dr. S.M. Ali, Executive Secretary, AISTE & Achyuta Samanta, Founder Kalinga Institute of Industrial Technology (KIIT) & Kalinga Institute of Social Sciences (KISS), is also seen

The 53rd ISTE National Annual Convention, held a Bhubaneswar instituted by Anna University on **June 22nd 2024**, was a resounding success, bringing together leading figures in the field of technical education for a day of recognition and celebration. This prestigious event not only highlighted the achievements of the educational community but also honored two exceptional academicians for their outstanding contributions.

Among the notable moments of the convention was the presentation of the Anna University National Award for Outstanding Academicians. This esteemed award, instituted by Anna University, Chennai, recognizes individuals who have made significant impacts in the field of technical education through their innovative teaching, research, and academic leadership.

This year, two distinguished professors of JNTUACEA has received this honor :

Prof. Eswar Reddy, *Professor of CSE* : A celebrated academician known for his remarkable contributions to the field, His innovative approach to teaching and his impactful research have greatly enriched the academic landscape, making him a deserving recipient of this prestigious award.

Prof. V. B. Chitra , *professor of English* : Mrs. Chitra has demonstrated exemplary dedication in her role as

an educator. Her commitment to advancing educational standards and her significant contributions to literature and curriculum development have earned her this high honor.

The award ceremony, held in the presence of eminent scholars, industry leaders, and fellow educators, was a moment of pride for the entire academic community. Both Mr. Reddy and Mrs. Chitra were celebrated for their exceptional achievements and their role in shaping the future of technical education in India.

53rd ISTE National Annual Convention Award



INDIAN SOCIETY FOR TECHNICAL EDUCATION



International Yoga Day Celebrations at JNTUA College of Engineering, Ananthapuramu



On June 21st, NSS Unit- III conducted **International Yoga Day** in JNTUA college of engineering Ananthapuramu. The Hon'ble Vice Chancellor, Prof. G.V.R. Srinivasa Rao, was the chief guest at the program. He inaugurated the Yoga Program in connection with the **International Yoga Day** celebrations at JNTUA College of Engineering, Ananthapuramu. The event aimed to raise awareness about the benefits of yoga and encourage its practice for physical, mental, and spiritual well-being. To educate students about the importance of yoga in daily life and to promote physical and mental health among the college community. To foster a sense of unity and harmony through collective participation in yoga activities and provide a platform for students to

learn and practice yoga under the guidance of experienced instructors.

The event was started at 7:00 am in sports playground of the college. The yoga instructor instructed a benefit of yoga and then he started a Mass yoga session with meditation and breathing exercise.

International Yoga Day was celebrated with great enthusiasm and participation from 150 students, faculty, and staff. Registrar of JNTUA Prof. C. Shasidhar, Prof. S. V. Satyanarayana principal of JNTUA CEA, Dr. G. Mamatha NSS officer are participated in this event.

Finally, the event was closed at 10:00 am with momentum presentation to Yoga instructor.



Yoga Day Celebration on 21-06-2024

Interviews Conducted for Selection of Ph.D. Students

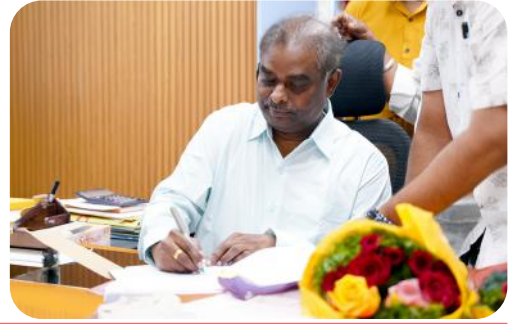
The Directorate of Research and Development (R&D) at JNTU Ananthapuramu conducted interviews for Ph.D. admissions on **June 24th 2024**, for Candidates who qualified through the APRCET, in CIVIL, Chemical and Computer science Engineering Streams. Vice Chancellor Prof. G.V.R. Srinivasa Rao visited the Civil Engineering, Computer Science, and Chemical Engineering departments to review the interview process. The following faculty members acted as experts for three streams: Principal Prof. S.V. Satyanarayana, Prof. H. Sudarsana Rao, Prof. P.R. Bhanumurthy, Prof. C. Shobha Bindu, Vice Principal Prof. E. Arunakanthi, Prof. P. Chenna Reddy, Prof. S. Vasundhara, Prof. A.P. Siva Kumar, Prof. T. Balanarasaiah, Prof. B. Dilip Kumar, and Dr. K.F. Bharathi. The total number of candidates attended are as follows: 117 in the Civil

Engineering Department, 412 in the Computer Science Engineering Department, and 8 in the Chemical Engineering Department. These positions are offered by JNTUA CEA under the direction of the APSICHE, Government of Andhra Pradesh.



Prof. S.V. Satyanarayana, Principal of JNTUA College of Engineering Ananthapuramu, Assumes Role as In-Charge Registrar of JNTUA.

Prof. S.V. Satyanarayana Principal JNTUA College of Engineering Ananthapuramu took charge as the In-charge Registrar of JNT University Anantapur on **28.06.2024**. On this occasion, he said that he would carry out the entrusted responsibility properly. He said that he will do his best for the development of the university. Directors, teaching, non-teaching and outsourcing staff felicitated Prof. S.V. Satyanarayana by handing over flower bouquets on this occasion.



ALUMNI NEWS FROM JNTUA CEA

Alumni Batch 1994-1998 Reunite at NTR Auditorium, JNTU College of Engineering Ananthapuramu

The alumni of JNTU. Anantapuram Engineering College who completed their Civil Engineering studies between 1994 and 1998 held a gathering at the NTR Auditorium on **June 22nd 2024**. The Former Vice Chancellor and Alumnus for this alumni event was Prof. Y. Venkata Rami Reddy, a former UPSC member. He likened alumni to the “silk branches” of the college, emphasizing that their experiences and advice are invaluable to current students. He highlighted that the Alumni Association represents the college’s strength. Registrar Prof. C. Sasidhar spoke about the positive impact of the college on its alumni, noting that many have achieved significant positions and that the college has gained a strong reputation internationally. He encouraged alumni to continue providing guidance and advice to current students and promised that their suggestions would be considered in the university’s development. College Principal Prof. S.V. Satyanarayana emphasized the commitment and success of former students, noting

that many have reached prominent positions. He urged alumni to remain engaged with the college. Approximately 70 former students attended the event, which was presided over by Prof. S.V. Satyanarayana, who also honored the alumni. The program also featured contributions from Alumni Director Prof. P. Sujata, Prof. C. Shobha Bindu, Vice Principal Prof. E. Aruna Kanti, Prof. S. Krishnaiah, Prof. H. Sudarshan Rao, Dr. G. Mamata, Dr. K. Y. Bharti, Dr. Ajitha, Dr. Kalyani Radha, former professors V. Shankar, and P.D. Prof. B. Dilip. Additionally, notable alumni including Mrs. Mallika Reddy, Mr. Manish Pampatwar (Director of Financial Planning), Mr. Srisai Kiran (Senior Director of Environmental Sustainability Solutions), Mr. Kiran Nallagonda (Senior Principal Architect), and Mr. Ramakrishna Bharadwaj (Founder), as well as other distinguished individuals such as Shri B. Prasad, Shri N. Satish, Mr. V. Chandra Mouli, Sri Yal. Hari, Shri B. Mithun Gopal, Bhodhana, Non-Bhodhana staff, and others participated in the event.



Prof. C. Shoba Bindu Receives Best Researcher Award 2024

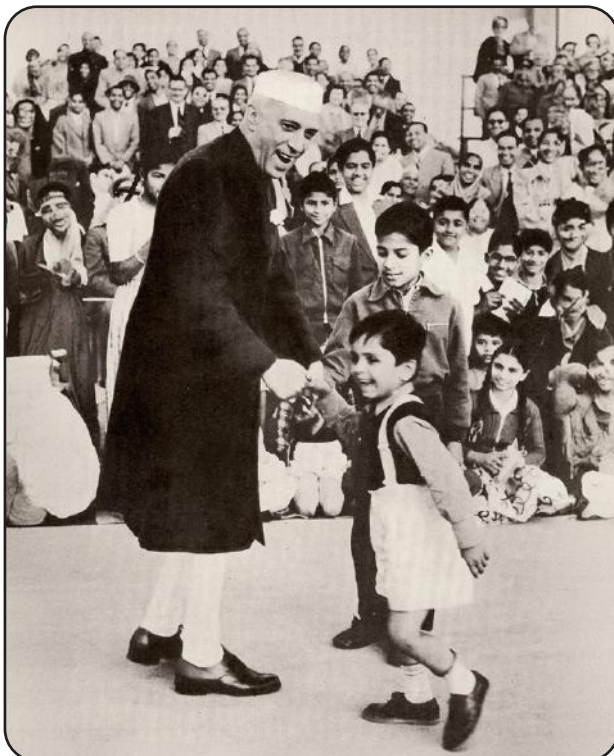
Dr. C. Shoba Bindhu, Professor in the CSE Department and Director of the Software Development Center, JNTUA has been honored with the **Best Researcher Award**. This prestigious recognition is for her outstanding contributions to science, including publishing good SCI papers, achieving numerous Google Scholar citations, and securing funding from various research agencies.

The award was presented by the Computer Society of India, Hyderabad Chapter, during an event held on June 29, 2024, at Potti Sreeramulu Telugu University, Lalitha Kala Kshetram, Public Gardens, Hyderabad.

Award is received with the hands of the Chief Guest Smt. Shailaja Ramalyer IAS officer, Former VC JNTUH and Smt. P Maruti Devi Gari, Scientist-G Head of Institution ETDC, HYDERABAD. Congratulations to Dr. C. Shoba Bindhu on this well-deserved achievement!”

Inaugurate if Awards function & Address by the Chief Guest - Vice Chancellor - PSTU, Principal Secretary Endowments, Handlooms & Textiles and Handicrafts - Smt. Shailaja Ramalyer IAS Former VC v- JNTUH.

Guest of Honor - Smt. P. Maruti Devi Garu, Scientist “G” Head of Instituton ETDC, Hyderabad



“Only through the right education can a better order of society be built up.”
- Pandit Jawaharlal Nehru

University News



1. **06.06.2024:** A meeting was held under the chairmanship of Hon'ble Vice chancellor for the implementation of Eight Rusa Projects Sanctioned in faculty of JNTUA Ananathapuamu.
2. **12.06.2024:** The Hon'ble Vice Chancellor attended a virtual meeting hosted by AICTE, New Delhi.
3. **14.06.2024:** The Hon'ble Vice Chancellor participated in a meeting of Vice Chancellors of Andhra Pradesh and the AP State Council of Higher Education, hosted by the Principal Secretary of Higher Education, Andhra Pradesh, regarding affiliations for the academic year 2024-25.
4. **15.06.2024:** The Hon'ble Vice Chancellor conducted a meeting with all faculty members of the University regarding Fact Finding Committee inspections for the academic year 2024-25. The meeting was attended by the Rector, the Registrar, the Director of Academic Audit, and the teaching staff of the University.
5. **27.06.2024:** The 35th meeting of the Standing Committee for the Academic Senate of the University was held, chaired by the Hon'ble Vice Chancellor. The Rector, the Registrar, committee members, and special invitees attended the meeting.
6. **27.06.2024:** A meeting was held under the chairmanship of the Hon'ble Vice Chancellor concerning the grant of affiliations to colleges under the University for the academic year 2024-25. The Rector, the Registrar, and members of the Standing Committee for Affiliation attended the meeting.
7. **29.06.2024:** EC Meeting held under the Chairmanship of Rector. All the EC members attended the meeting to discuss the grant of affiliations for the Year 2024-25.



JNTUA CEA

1. **01.06.2024:** The Hon'ble Vice Chancellor visited and inspected the Research Review Board meetings for EEE, ECE, Chemistry, Mathematics, and Pharmacy conducted at JNTUA College of Engineering, Ananthapuramu.
2. **21.06.2024:** The Hon'ble Vice Chancellor attended and inaugurated the Yoga Program in connection with International Yoga Day celebrations at JNTUA College of Engineering, Ananthapuramu. The Principal, University officials, Secretary of the Sports Council, students, and staff of the college were present at the program.
3. **24.06.2024:** The Hon'ble Vice Chancellor visited and inspected the Ph.D. interviews conducted in the departments of Civil Engineering, CSE, and Chemical Engineering in connection with AP RCET 2024.



"An ounce of patience is worth more than a tonne of preaching."

- Mahatma Gandhi

University Semester-End Examinations Results Announced – June 2024



Results of the semester end examinations conducted by the university declared in the month of **June 2024** are as below.

Date: 06.06.2024

Examinations:

- B.Tech III Year II Semester (R20) MOOCs Examinations, May 2024.
- B.Tech IV Year I Semester (R20) MOOCs Examinations, May 2024.

Date: 11.06.2024

The results for the supplementary examinations conducted in May 2024 have been announced for the following programs:

- MBA III Semester (R17) Supplementary Exams, May 2024.
- MBA IV Semester (R17) Supplementary Exams.
- MCA III Semester (R17) Supplementary Exams.
- MCA IV Semester (R17) Supplementary Exams.
- MCA V Semester (R17) Supplementary Exams.
- MCA VI Semester (R17) Supplementary Exams.
- MCA III Semester (R20) Supplementary Exams.

- MCA IV Semester (R20) Supplementary Exams.
- MCA III Semester (R21) Supplementary Exams.
- 2. MBA IV Semester (R21) Regular & Supplementary Exams.
- MCA IV Semester (R21) Regular & Supplementary Exams.

Date: 15.06.2024

The results for the supplementary examinations conducted in May 2024 have been announced for the following programs:

- B.Tech II Year I Semester (R15) Supple. Exams, April/May 2024.
- B.Tech II Year I Semester (R19) Supple. Exams, April/May 2024.
- B.Tech II Year I Semester (R20) Supple. Exams, April/May 2024.
- B.Tech II Year II Semester (R15) Supple. Exams, April/May 2024.
- B.Tech II Year II Semester (R19) Supple. Exams, April/May 2024.
- B.Tech II Year II Semester (R20) Regular & Supple. Exams, April/May 2024 and Pharm.D V Year (R17) Advance Supple. Exams, May 2024.

News from Affiliated Colleges

1. **15.06.2024:** The Hon'ble Vice Chancellor attended as a Chief Guest to 12th Graduation Day of Annamacharya Institute of Technology & Sciences, Rajampeta. The Chairman, principal, students and staff of the college attended the program.
2. **22.06.2024:** The Hon'ble Vice Chancellor attended as a Chief Guest to the 7th Graduation Day of Kandula Sreenivasa Reddy Memorial College of Engineering, YSR Kadapa. The Chairman, Principal, students and staff of the college attended the program.

NCC/NSS/Programmes

Webinars, awareness sessions, seminars, and competitions were conducted by NSS units in June 2024, including:

1. World Environment Day on 05.06.2024.
2. World Blood Donor Day on 14.06.2024.
3. International Yoga Day on 21.06.2024.
4. International Day Against Drug Abuse and Illicit Trafficking on 26.06.2024.
5. Anti-Drug Awareness Program on 28.06.2024.
6. Dental Camp organized by S.V. College of Engineering on 28.06.2024.
7. Awareness Program on Bones, Joints, and Diabetes-related Diseases organized by Sri Venkateswara College of Engineering on 28.06.2024

Books and Book Chapters

1. **Prof. K. Jayalakshmi**, a faculty member of JNTUA College of Engineering Anantapur published a book titled “**Applied Numerical Methods**”. by Integrated Publisher, Infinite Research. and ISBN: 978-81-966422-7-3.
2. **V. Sai Neeraja, S. Sruthi, P.Rajendra Kumar, D.V. Prudhvi Raj** faculty members of RGM College of Engineering & Technology, Nandyal published a book Chapter title “**Studies on the Properties of Pervious Concrete**”, in the book *Futuristic Trends in Construction Materials & Civil Engineering-Volume 3* Book 3. Area/Stream: Civil Engineering / Structural Engineering / Structural Dynamics. **Publisher:** IIP Series. Volume:3, Month: May, Year: 2024. Page No.54-62. ISBN: 978-93-5747-6867.
3. **Dr. Dipankar Roy**, a faculty member of Madanapalle Institute of Technology & Sciences, Madanapalli published a Book Chapter on “**Entropy-Weighted Multi-Criteria Decision Making (E-MCDM) Approach for Erosion Area Prioritization Case Study of a Himalayan River Basin**” in *Agri-Tech Approaches for Nutrients and Irrigation Water Management* on June 2024. The DOI for the chapter is: <https://doi.org/10.1201/9781003441175-10>.
4. **K. Srinivasa Krishna**, a faculty member of Madanapalle Institute of Technology & Sciences, Madanapalli published a Book Chapter on “**Optimizing trust and security in health care 4.0: Human factors in lightweight secured IoMT eco systems**” in *Lightweight Digital Trust Architectures in the Internet of Medical Things (IoMT)* on June 2024. The DOI for the chapter is: 10.4018/979-8-3693-2109-6.ch004.
5. **R. Sundar**, a faculty member of Madanapalle Institute of Technology & Sciences, Madanapalli published a Book Chapter on “**Achieving balance between innovation and security in the cloud with artificial intelligence of things: Semantic web control models**” in *Semantic Web Technologies and Applications in Artificial Intelligence of Things* on June 2024. The DOI for the chapter is 10.4018/9798369314876.ch001.
6. **K. Lokeshwaran**, a faculty member of Madanapalle Institute of Technology & Sciences, Madanapalli, has published a book chapter titled “**AI-Driven Energy Forecasting, Optimization, and Demand Side Management for Consumer Engagement**” in the book *Intelligent Solutions for Sustainable Power Grids* in June 2024. The DOI for the chapter is 10.4018/979-8-3693-3735-6.ch006.
7. **Dr. M. Sunil Kumar and Dr. C. Sushama** faculty members of Sree Vidyanikethan Engineering College, Tirupathi published a book Chapter on “**International Real-World Challenges in Quantum Electronics and Machine Computing, IGI Global Enabling Smart Power Grids Through Quantum Computing and Artificial Intelligence**”, ISBN13:9798369340011|ISBN132024.
8. **Dr. K. Hari Krishna** a faculty member of Sree Vidyanikethan Engineering College, Tirupathi published a book Chapter on “**International Advances in AI for Cloud, Edge, and Mobile Computing Applications, Applications of Artificial Intelligence for Enhancement of Privacy and Security in Smart Environments**”. ISBN: 97817795206782024.
9. **Dr. P. Umapathi Reddy** a faculty member of Sree Vidyanikethan Engineering College, Tirupathi published a book Chapter on titled as “**Power Quality Enhancement in Grid Integrated system**” in *Futuristic Trends in Renewable & Sustainable Energy* (Scopus Indexed).

Journal/Conference Publications

- The faculty members of the University published 11 research papers and affiliated colleges have published 102 research papers in peer reviewed journals, seminars & conferences during this month.

Projects Initiated/ completed

- Department of Civil Engineering, JNTUA College of Engineering Ananthapuramu generated an amount of **Rs. 50,750/-** through Industrial Consultancy Services.

Awards & Recognitions

- **29.06.2024:** Prof. C. Shoba Bindu, Department of CSE, JNTUA College of Engineering, Ananthapuramu is awarded State Best Researcher Award from Computer Society of India.



Ph.D. Degrees Awarded by the University - June 2004

The following individuals have been conferred with doctoral degrees in June 2024.

1. **Mr. Prasanna Kumar Lakineni** has Demonstrated Excellence in the Field of “**An Efficient Brain Tumor Detection Using Hybrid Machine Learning Techniques on Mri Data**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Computer Science & Engineering on 14 June 2024.*
2. **Mr. Venkateswara Rao. K** has Demonstrated Excellence in the Field of “**Stock Market Price Prediction Using Feature Optimization and Hybrid Machine Learning Techniques**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Computer Science & Engineering on 16 June 2024.*
3. **Mr. Shaik Muqthiar Ali** has Demonstrated Excellence in the Field of “**Cost Allocation In A Deregulated Power System With Reliability Index**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Electrical Electronics and Engineering on 27 May 2024.*
4. **Mr. Mattukuru Vasu** has Demonstrated Excellence in the Field of “**An Investigation of Islanding Detection Methods for Utility Interactive Inverter for Photovoltaic Systems**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Electrical Electronics and Engineering on 07 June 2024.*
5. **Mr. S. Munisekhar** has Demonstrated Excellence in the Field of “**Adaptive Constant Voltage Mppt Algorithm For Pv Fed Bldc Motor For Air-Conditioning Applications**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of **Electrical Electronics and Engineering on 19 June 2024.**
6. **Mrs. M. Kumudwathi** has Demonstrated Excellence in the Field of “**Integrated Microgrid System Performance Improvement Using Ga Based Economic Model Predictive Control**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of **Electrical Electronics and Engineering on 19 June 2024.**
7. **Mrs. Jakkula Adi Ganeswari** has Demonstrated Excellence in the Field of “**Analysis of Pv Fed Pmsm Drive Using Different Boost Converter Topologies**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Electrical Electronics and Engineering on 21 June 2024.*
8. **Mr. M. Penchala Reddy** has Demonstrated Excellence in the Field of “**Influence of Swirl Number And moisture Content on the Performance of Coal Combustion in Power Plant/Industrial Applications**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Mechanical Engineering on 31 May 2024.*
9. **Mr. Mude Murali Mohan Naik** has Demonstrated Excellence in the Field of “**Performance Augmentation of Comined Cycle Power Plant With Inlet Air Coolong Vapour Absorption Refrigeration System**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Mechanical Engineering on 31 May 2024.*
10. **Mr. Kiran Mannem** has Demonstrated Excellence in the Field of “**Enhancing Connectivity in Lte Hetnets: Novel Approaches for Efficient Target Cell Selection and Handoff Management**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Electronics and Communication Engineering on 19 June 2024.*
11. **Mr. Kothapalle Inthiyaz** has Demonstrated Excellence in the Field of “**A Study on Quality of Work Life Among Employees of Regional Rural Banks With Reference to Rayalaseema Region**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *Management on 20 June 2024.*
12. **Mr. B. Kesava Reddy** has Demonstrated Excellence in the Field of “**Enhancing Student- Teacher Interaction Through Taskbased Teaching Among Undergraduate Students of Select Degree Colleges in Rayalaseema Region**” and is awarded the Degree of Doctor of Philosophy (Ph.D), In the Faculty of *English on 31 May 2024.*

Important National & International Days in June



4th June – International Day of Innocent Children Victims of Aggression

Every year on 4th June, the United Nations (UN) International Day of Innocent Children Victims of Aggression is observed to raise awareness about the children who have suffered a lot throughout the world and are victims of physical, mental and emotional abuse. On this day UN affirms its commitment to protect the rights of children.



5th June- World Environment Day

World Environment Day is observed every year on 5th June and is celebrated by more than 100 countries. The environment is a major issue, which not only affects the well-being of the people but also hampers economic development throughout the world. The theme of World Environment Day 2021 is "Ecosystem Restoration".



7th June – World Food Safety Day

World Food Safety Day is celebrated on 7th June to draw global attention to the consequences of contaminated food and water to health. Also, this day focuses on the way to reduce the risk of food poisoning. The safety of food is key to achieving Sustainable Development Goals.



12th June - World Day Against Child Labour - This day is launched by the International Labour Organisation (ILO) to focus attention on the worldwide extinction of child labour, efforts and the action required to eliminate it. In 2015, world leaders adopted the Sustainable Development Goals (SDGs) in which they included a clause to end child labour.



14th June - World Blood Donor Day - World Blood Donor Day is observed on 14th June every year to raise awareness about the urgency of blood donations all over the world and to acknowledge and appreciate blood donors for their support. The theme for World Blood Donor Day 2024 is: "20 years of celebrating giving: thank you blood donors!"



15th June - World Wind Day
Every year World Wind day is observed on 15th June globally to promote clean energy. It is a day to discover wind energy, its power and the possibilities it holds to reshape our energy systems, decarbonise our economies and increase jobs and growth.



21st June - World Hydrography Day

World Hydrography Day is observed on **21st June** every year to increase public awareness about hydrography science. Every year the International Hydrographic Organisation (IHO) and its international members celebrate this day.



21st June – International Yoga Day

This year marks the 10th International Day of Yoga with the theme **“Yoga for Self and Society.”** Yoga, a transformative practice, represents the harmony of mind and body, the balance between thought and action, and the unity of restraint and fulfillment.



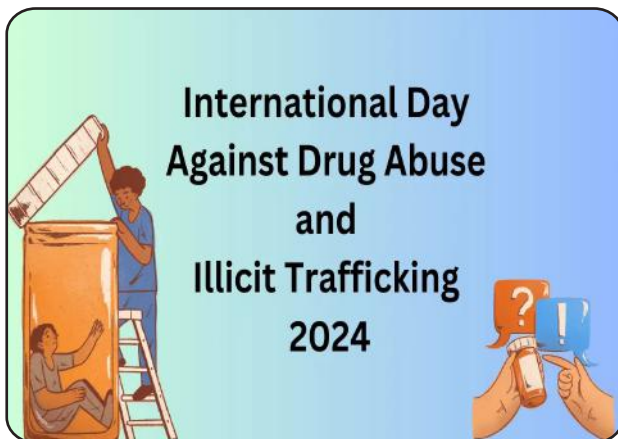
23rd June - International Olympic Day

The International Olympic Day is celebrated on **23rd June** every year to make people aware of the importance of games in life. Olympic Day is much more than a sports event. It is a day for the world to get active.



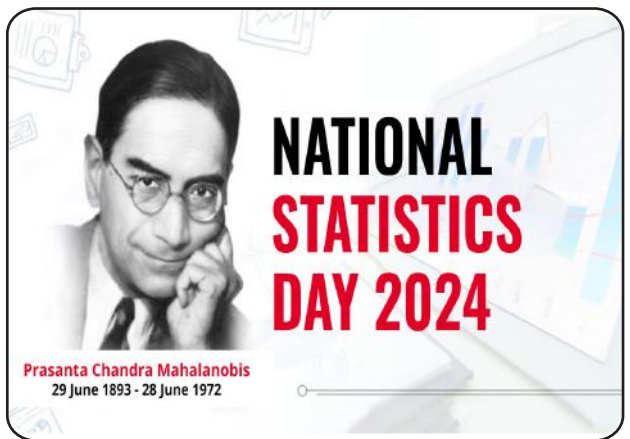
23 June - United Nations Public Service Day

This day is designated by the UN General Assembly to celebrate **23rd June** as Public Service Day. It highlights the contribution of public service in the development process, recognises the work of public servants and encourages young people to pursue careers in public sectors.



26 June - International Day against Drug Abuse and Illicit Trafficking

This day was observed on **26th June** every year to make people aware of the harmful effects of drugs and to determine a society free of drug abuse. It was established by the United Nations General Assembly to strengthen global action and cooperation.



29 June: National Statistics Day

The day is observed on **29th June** to popularise the use of Statistics in everyday life. The day commemorates the birth anniversary of Prof. P C Mahalanobis. The theme of National Statistics Day 2021 is Sustainable Development Goals (SDGs)- 2: End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture.

Tech Ananth

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